

WHAT IS CLAIMED IS:

- 1           1.     A configuration tool, comprising:  
2                 a computer having a memory and a processor;  
3                 a database of transit system information, the database in  
4     communications with the computer;  
5                 at least one transit information display in communication with  
6     the computer over a radio frequency communications link; and  
7                 a program running on the computer, the program configured to  
8     define parameters for the at least one transit information display and storing  
9     the parameters in the database.
- 1           2.     The configuration tool of claim 1, wherein the program enables  
2     a user to add at least one transit information display to the database.
- 1           3.     The configuration tool of claim 1, wherein the program enables  
2     a user to delete at least one transit information display from the database.
- 1           4.     The configuration tool of claim 1, wherein the parameters  
2     include a display name parameter.
- 1           5.     The configuration tool of claim 1, wherein the parameters  
2     include a radio network identification parameter.
- 1           6.     The configuration tool of claim 1, wherein the parameters  
2     include a time point crossing parameter.
- 1           7.     The configuration tool of claim 1, wherein the parameters  
2     include a routes to display parameter.

1           8.     The configuration tool of claim 1, wherein the parameters  
2 include an arrival countdown timer parameter.

1           9.     The configuration tool of claim 1, wherein the parameters  
2 include a direction filter parameter.

1           10.    The configuration tool of claim 1, wherein the parameters  
2 include a user defined messages parameter.

1           11.    The configuration tool of claim 1, wherein the parameters  
2 include scheduled messages begin and end time parameters.

1           12.    The configuration tool of claim 1, wherein the transit  
2 information displays are configured for use in a bus transit system.

1           13.    A method of processing information for a transit information  
2 display, comprising:

3                 providing a computer having a processor and a memory;

4                 inputting parameters for a transit information display to a

5 configuration program on the computer;

6                 communicating the parameters to a database for storage of the  
7 data;

8                 accessing the database for the parameters relating to the transit  
9 information display; and

10                communicating information according to the parameters, to the  
11 transit information display over a radio communications link.

1           14.    The method of claim 13, further comprising:

2                 starting the configuration program.

- 1           15.    The method of claim 13, further comprising:  
2               displaying bus arrival time information on the transit information  
3   display.
- 1           16.    The method of claim 13, further comprising:  
2               adding at least one transit information display to the database.
- 1           17.    The method of claim 13, further comprising:  
2               deleting at least one transit information display from the  
3   database.
- 1           18.    The method of claim 13, further comprising:  
2               inputting a display name parameter.
- 1           19.    The method of claim 13, further comprising:  
2               inputting a radio network identification parameter.
- 1           20.    The method of claim 13, further comprising:  
2               inputting a time point crossing parameter.
- 1           21.    The method of claim 13, further comprising:  
2               inputting a routes to display parameter.
- 1           22.    The method of claim 13, further comprising:  
2               inputting an arrival countdown timer parameter.
- 1           23.    The method of claim 13, further comprising:  
2               inputting a direction filter parameter.
- 1           24.    The method of claim 13, further comprising:  
2               inputting a user defined messages parameter.

1           25. The method of claim 13, further comprising:  
2           inputting scheduled messages begin and end time parameters.

1           26. A system for configuring a transit information display,  
2 comprising:  
3           a computer having a processor, a memory, and a display;  
4           a database accessible by the computer; and  
5           a program running on the computer processor and stored in the  
6 memory, the program including an area for providing input to the database  
7 relating to parameters of the transit information display.

1           27. The configuration tool of claim 26, wherein the program enables  
2 a user to add at least one transit information display to the database.

1           28. The configuration tool of claim 26, wherein the program  
2 enables a user to delete at least one transit information display from the  
3 database.

1           29. The configuration tool of claim 26, wherein the parameters  
2 include a display name parameter.

1           30. The configuration tool of claim 26, wherein the parameters  
2 include a radio network identification parameter.

1           31. The configuration tool of claim 26, wherein the parameters  
2 include a time point crossing parameter.

1           32. The configuration tool of claim 26, wherein the parameters  
2 include a routes to display parameter.

1           33. The configuration tool of claim 26, wherein the parameters  
2 include an arrival countdown timer parameter.

1           34. The configuration tool of claim 26, wherein the parameters  
2 include a direction filter parameter.

1           35. The configuration tool of claim 26, wherein the parameters  
2 include a user defined messages parameter.

1           36. The configuration tool of claim 26, wherein the parameters  
2 include scheduled messages begin and end time parameters.

1           37. The configuration tool of claim 26, wherein the transit  
2 information displays are configured for use in a bus transit system.